Indian Missile Programme

469. MISS SAROJ KHAPARDE: Will the Minister of DEFENCE be pleased to state :

(a) whether the Indian missile development programme has entered the production phase ; and

(b) if so, the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI S. KRISHNA KUMAR) : (a) and (b) Production Facilities have been established for the production of 'Prithvi' and Trishul' missile system at BDL, DGOF, BEL, HAL, BHVP and ECIL. These facilities are being used, at present for limtied production to suppri development test progra mme.

Fee Structure of Sainik Schools

470. PROF. SAURIN BHATTACHARYA: Will the Minister of DEFENCE be pleased to state:

(e) whether fee structure for Sainik School students varies from State to State depending on the parent's income;

(b) whether Government propose to bring about uniformity in all the States regarding norm for the fee structure on the basis of parents' income; if not, the reasons therefor;

(c) whether the students of such vital institutions for Defence establishments are not treated at par in all respects with students of Navodaya Vidyalayas; and

(d) if so, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI S. KRISHNA KUMAR): (a) and (b) The fee structure in Sainik Schools does not vary from State to State. However, the eligibility criteria for scholarships (other than Defence scholarships) varies from State to State. It is not possible to introduce uniformi y in this regard as the payment of such scholarship is primarily the responsibility of the Government who have laid down the eligibility criteria.

(c) and (d) The Sainik School scheme is different from the concept of Navodaya Vidyalayas. It is, there fore, not possible to have similar arrangements in respect of fees etc.

Impact of Devaluation of LCA Project

471. SHRI SURESH KALMADI: Will the Minister of DEFENCE be pleased to stete:

(a) what is the impact of devaluation of Indian rupee on the cost of the LCA Project; and

(b) how the escalation in cost is compatible with the aim of developing an indigenous low cost Aircraft?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI S. KRISHNA KUMAR): (a) Estimated foreign exchange content in the Light Combat Aircraft Project cost in Feb. 1991 before rupee devaluation was Rs. 805 crores. In Oct. 1991 taking into account rupee devaluation and FE crunch, an exercise was undertaken to reduce FE requirements by way of greater indigenisation effort. The revised FE content on post devaluation rupee exchange rate, is estimated to be Rs. 873 crores viz., a net increase of Rs. 68 crores.

(b) The objectives of the LCA Programme are to design and develop a fighter aircraft indigenously with selected assistance from abroad and also to bridge the 'Tehchnology gap in the indigenous design capability in the aeronautical field. The alternatives to indigenous development are outright purchase of aircraft from abroad to meet IAF requirement' or License Manufacture there of, or a combination of both. Manufacture. The impact of devaluation would be to push up the cots of Imported air craft/Imported elements in liecenne manufacture the impat of development would much greater in the case of license manufacture because of the higher level of import content. The impact of devaluation is the least in the case of design and development of indigenous manufacture. Accordingly, the original objectives of the LCA programme continue to be relevant.

Manufacture of Navigational Equipment by HAL

472. SHRI KAMAL MORARKA Will the Minister of DEFENCE be pleased to state:

(a) What are the projects under hand in which HAL is presently working for manufacturing sophisticated navigational equipments; and

(b) Whether any foreign agency is also assisting the HAL in the Research and Development work for navigational equipments?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS WITH ADDITIONAL CHARGE OF THE MINISTER OFSTATE IN THE MINISTRY OF DEFENCE (SHRI S. KRISHNA KUMAR): (a) HAL is presently menufacturing sophisticated navigational equipment for fighter aircrafts, missile projects and tanks for Army.

(b) No, Sir.

रक्षा प्रयोगशालाओं से निजी क्षेत्र के उद्योगों के लिये सहायता

473. **डा० बापु काल दाते**: क्या रक्षा मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि बहुत से विकसित देशों में निजी उद्योगों को रक्षा प्रयोगशालाओं से सहायता प्राप्त हो रही है ;

(ख) क्या सरकार को हमारे देश में भी निजी उद्योगों को रक्षा प्रयोगशालाओं और उनके वैज्ञानिकों की सहायता प्रदान करने के संबंध में कोई प्रस्ताव प्राप्त हुआ है ;

(ग) यदि हां, तो उसका ब्यौरा क्या है ; और

(घ) यदि नहीं, तो उसके क्या कारण हैं ?

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री तथा रक्षा मंत्रालय में राज्य मंत्रीका अतिरिक्त प्रभार (श्री एस० कृष्ण कुमार) : (क) जी, हां ।

(ख) रक्षा मंत्री ने नई दिल्ली में 21 नवम्बर की उच्च तकनालाजी के संबंध में आयोजित 5वीं कांग्रेस की बैठक को संबोधित करते हुये कहा था कि जहां आवश्यक होगा हमारे उद्योग अपने उत्पादों में नई तकनालाजियों और गुणता संस्कृति को शामिल करने के लिये रक्षा प्रयोगशालाओं को माध्यम के रूप में इस्तेमाल कर सकते हैं जैसा कि फ्रांस और अमरीका के उद्योगों ने किया है । इस प्रयोग द्वारा सैन्य तकनालाजी संस्कृति को सिविल उद्योग में अंतरित करने से ये देश लाभांवित हुए हैं ।

(ग) सिविल उद्योग रक्षा प्रयोगशालाओं में उपलब्ध तकनालाजियों और विशेषज्ञता का उपयोग न केवल रक्षा उपयोग की मदों का उत्पादन करने के लिये कर सकते हैं बल्कि इस जानकारी का उपयोग सिविल उत्पादों का उत्पादन करने के लिये भी कर सकते हैं । परन्तु किसी प्रयोगशाला की सेवाओं की उपलब्धता निश्चित रूप से उस प्रयोगशाला के पास उपलब्ध मौजूदा कार्यभार पर निर्भर करेगी ।

(घ) प्रश्न नहीं उठता ।